

ABSTRACT OF THE DISCLOSURE

A motor controller capable of obtaining information on offsets, amplitudes and a phase difference of analog feedback signals from encoders without using special measuring device. The analog feedback signals from the encoders are A/D converted and the offsets, the amplitudes and the phase difference of A-phase and B-phase analog feedback signals are obtained based on the converted digital signals by an arithmetic section. The obtained offsets, amplitudes and phase difference are displayed by a display section of the motor controller and/or a display section of a numerical controller as a host controller. Further, the obtained offsets and amplitudes are compared with respective reference values for determining acceptability of the feedback signals from the encoders and the results of the comparison is displayed by the display section and/or the display section of the numerical controller.